

=> d his

(FILE 'HOME' ENTERED AT 10:27:27 ON 03 APR 2006)

FILE 'EPFULL, FRFULL, GBFULL, PATDPAFULL, PCTFULL, RDISCLOSURE,  
USPATFULL, USPAT2' ENTERED AT 10:27:53 ON 03 APR 2006  
E GENELABS/PA

L1 242 S E3, E8-E12  
L2 11 S L1 AND NUCLEOSIDE(S)HEPATITIS

FILE 'CAPLUS' ENTERED AT 10:33:11 ON 03 APR 2006

L3 1 S WO2004028481/PN  
SELECT L3 1 RN  
L4 13967 S E1-E77

FILE 'REGISTRY' ENTERED AT 10:33:50 ON 03 APR 2006

L5 1 S 565435-18-9/RN  
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SET NOTICE LOGIN DISPLAY

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FILE 'CAPLUS' ENTERED AT 10:38:17 ON 03 APR 2006

L9 5 S L5

FILE 'REGISTRY' ENTERED AT 10:41:24 ON 03 APR 2006

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L11 1 S WO2005054268/PN  
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L12 2219 S E78-E121

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L15 1 S 850338-22-6/RN  
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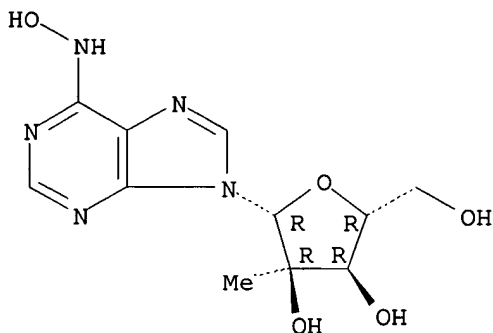
FILE 'CAPLUS' ENTERED AT 10:47:31 ON 03 APR 2006

L17

42 S LL5 OR L16 OR L15

L5 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 565435-18-9 REGISTRY  
CN Inosine, 2'-C-methyl-, oxime (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C11 H15 N5 O5  
SR CA  
LC STN Files: CA, CAPLUS, CASREACT, USPATFULL  
DT.CA Caplus document type: Journal; Patent  
RL.P Roles from patents: BIOL (Biological study); CMBI (Combinatorial study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)  
RL.NP Roles from non-patents: BIOL (Biological study); PREP (Preparation)

Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

5 REFERENCES IN FILE CA (1907 TO DATE)  
5 REFERENCES IN FILE CAPLUS (1907 TO DATE)

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L9 5 L5  
=> d ibib abs 1-5

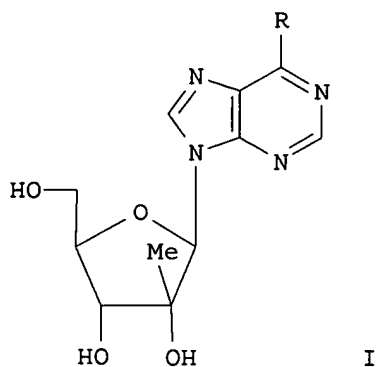
L9 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN  
ACCESSION NUMBER: 2005:74688 CAPLUS  
DOCUMENT NUMBER: 142:336573  
TITLE: Synthesis of 9-(2- $\beta$ -C-methyl- $\beta$ -D-ribofuranosyl)-6-substituted purine derivatives as inhibitors of HCV RNA replication  
AUTHOR(S): Ding, Yili; Girardet, Jean-Luc; Hong, Zhi; Lai, Vicky C. H.; An, Haoyun; Koh, Yung-hyo; Shaw, Stephanie Z.; Zhong, Weidong  
CORPORATE SOURCE: Valeant Pharmaceuticals International, Costa Mesa, CA, 92626, USA  
SOURCE: Bioorganic & Medicinal Chemistry Letters (2005), 15(3), 709-713  
CODEN: BMCLE8; ISSN: 0960-894X  
PUBLISHER: Elsevier B.V.  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
AB A series of 9-(2'- $\beta$ -C-methyl- $\beta$ -D-ribofuranosyl)-6-substituted purine derivs. were synthesized as potential inhibitors of HCV RNA replication. Their inhibitory activities in a cell based HCV replicon assay were reported. A prodrug approach was used to further improve the potency of these compds. by increasing the intracellular levels of 5'-monophosphate metabolites. These nucleotide prodrugs showed much improved inhibitory activities of HCV RNA replication.  
REFERENCE COUNT: 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN  
ACCESSION NUMBER: 2004:633938 CAPLUS  
DOCUMENT NUMBER: 141:157387  
TITLE: Synthesis and use of 2'-substituted-N6-modified nucleosides as antiviral agents  
INVENTOR(S): An, Haoyun; Ramasamy, Kanda; Shaw, Stephanie  
PATENT ASSIGNEE(S): Ribapharm Inc., USA  
SOURCE: PCT Int. Appl., 25 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004065398	A2	20040805	WO 2004-US1125	20040115
WO 2004065398	A3	20050303		

W: AE, AE, AG, AL, AL, AM, AM, AM, AT, AT, AU, AZ, AZ, BA, BB, BG, BG, BR, BR, BW, BY, BY, BZ, BZ, CA, CH, CN, CN, CO, CO, CR, CR, CU, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EC, EE, EE, EG, ES, ES, FI, FI, GB, GD, GE, GE, GH, GM, HR, HR, HU, HU, ID, IL, IN, IS, JP, JP, KE, KE, KG, KG, KP, KP, KP, KR, KR, KZ, KZ, KZ, LC, LK, LR, LS, LS, LT, LU, LV, MA, MD, MD, MG, MK, MN, MW, MX, MX, MZ, MZ, NA, NI

PRIORITY APPLN. INFO.: US 2003-440666P P 20030115  
OTHER SOURCE(S): CASREACT 141:157387; MARPAT 141:157387  
GI



AB An improved method of preparing a sugar modified nucleoside analog I, wherein R is selected from the group consisting of NH<sub>2</sub>NH<sub>2</sub>, N(CH<sub>3</sub>)NH<sub>2</sub>, N(CH<sub>2</sub>CH<sub>3</sub>)NH<sub>2</sub>, N(CH<sub>3</sub>)OH, NHOH, NHOCH<sub>3</sub>, NHOCH<sub>2</sub>CH<sub>3</sub>, NHN(CH<sub>3</sub>)<sub>2</sub>, N(CH<sub>3</sub>)NHCH<sub>3</sub>, NHNHCH<sub>3</sub>, NHNHOCH<sub>3</sub>, and NHNHCOOCH<sub>3</sub>, includes a protocol in which a hydroxy group of a sugar is selectively deprotected and oxidized prior to nucleophilic modification of the corresponding carbonyl group. The modified sugar is then coupled to a heterocyclic base that is modified with a dual nucleophilic reagent in a further step that provides N6-modified adenosine analogs with high stereoselectivity. Contemplated antiviral and immunomodulatory activities of title nucleosides are reported (no data). Thus, I [R = N(Me)NH<sub>2</sub>] was prepared from 2-iodo-benzoic acid via stereoselective glycosylation with 6-chloropurine.

L9 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2004:290484 CAPLUS

DOCUMENT NUMBER: 140:327061

TITLE: Nucleoside derivatives for treating hepatitis C virus infection

INVENTOR(S): Roberts, Christopher Don; Dyatkina, Natalia B.

PATENT ASSIGNEE(S): Genelabs Technologies, Inc., USA

SOURCE: PCT Int. Appl., 119 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004028481	A2	20040408	WO 2003-US31433	20030930
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
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CA 2499253	AA	20040408	CA 2003-2499253	20030930
EP 1572097	A2	20050914	EP 2003-773127	20030930
EP 1572097	A3	20051207		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
JP 2006505537	T2	20060216	JP 2004-540353	20030930
NO 2005001969	A	20050524	NO 2005-1969	20050422
PRIORITY APPLN. INFO.:			US 2002-415222P	P 20020930
			US 2003-443169P	P 20030129
			WO 2003-US31433	W 20030930

OTHER SOURCE(S): MARPAT 140:327061

AB Nucleoside compns. and methods for treating hepatitis C virus infections.

Thus, 9-(2'-C-methyl- $\beta$ -D-ribofuranosyl)-6-methoxyaminopurine was prepared by the reaction of 6-chloro-9-(2'-C-methyl- $\beta$ -D-ribofuranosyl)purine and methxylamine. This compound exhibited anti-hepatitis C activity by inhibiting HCV polymerase.

L9 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2003:892793 CAPLUS

DOCUMENT NUMBER: 139:365176

TITLE: Preparation of nucleoside derivatives for treating hepatitis C virus infection

INVENTOR(S): Roberts, Christopher Don; Dyatkina, Natalia B.; Keicher, Jesse D.; Liehr, Sebastian Johannes Reinhard; Hanson, Eric Jason

PATENT ASSIGNEE(S): Genelabs Technologies, Inc., USA

SOURCE: PCT Int. Appl., 182 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

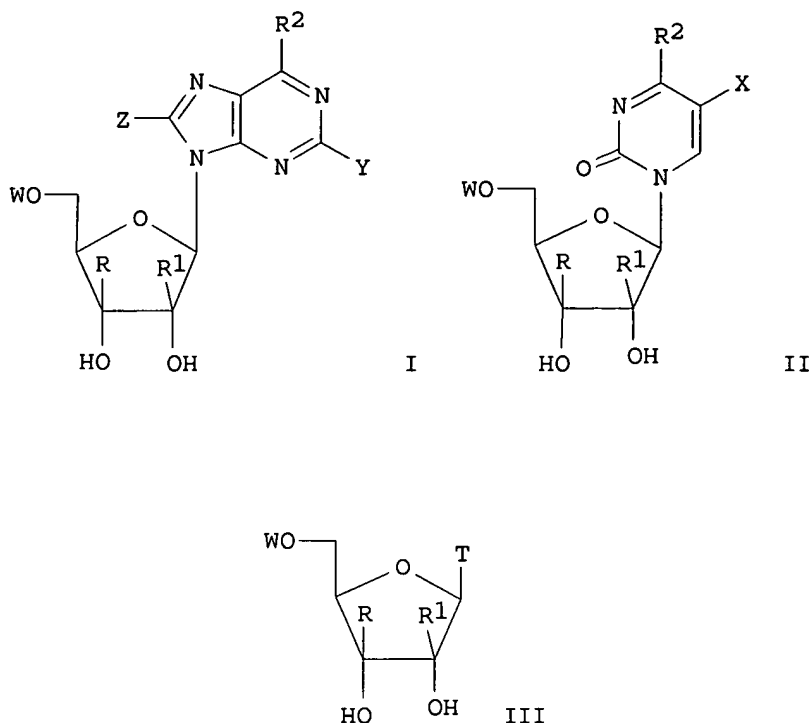
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003093290	A2	20031113	WO 2003-US14237	20030506
WO 2003093290	A3	20040318		
WO 2003093290	C1	20050519		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
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CA 2484921	AA	20031113	CA 2003-2484921	20030506
AU 2003232071	A1	20031117	AU 2003-232071	20030506
US 2004063658	A1	20040401	US 2003-431631	20030506
EP 1501850	A2	20050202	EP 2003-747674	20030506
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
BR 2003009581	A	20050329	BR 2003-9581	20030506
CN 1653077	A	20050810	CN 2003-810239	20030506
JP 2005530759	T2	20051013	JP 2004-501429	20030506
NO 2004005247	A	20041130	NO 2004-5247	20041130
PRIORITY APPLN. INFO.:			US 2002-378624P	P 20020506
			US 2002-392871P	P 20020628
			WO 2003-US14237	W 20030506

OTHER SOURCE(S): MARPAT 139:365176

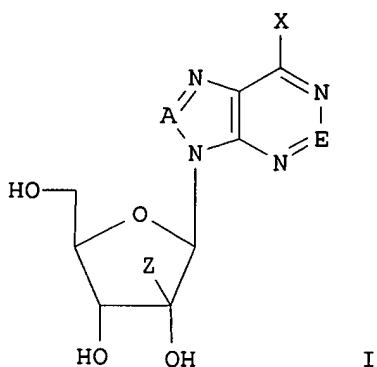
GI



AB Nucleosides I-III, wherein R and R1 are independently H, alkyl, alkenyl, alkynyl, provided that R and R1 are not both H; R2 is alkyl, cycloalkyl, alkenyl, alkynyl, acylamino, guanidino, amidino, thioacylamino, OH, alkoxy, halo, nitro, aryl, heteroaryl, substituted amine; W is H, phosphate, phosphonate, acyl, alkyl, sulfonate, lipid, amino acid, sugar residue, peptide, cholesterol; X is H, halo, alkyl, substituted amine; Y is H, halo, OH, alkylthio, substituted amine; Z is H, halo, OH, alkyl, substituted amine; T is nucleobase, were prepared as HCV RNA polymerase inhibitors and for treating hepatitis C virus infections. Thus, 2-(4-amino-pyrrolo[3,2-c]pyridin-1-yl)-5-hydroxymethyl-3-methyltetrahydrofuran-3,4-diol was prepared for treating hepatitis C virus infections (no data). Different kind of formulation such as tablet, capsule, suspension, injectable, and suppository formulation are reported.

L9 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN  
 ACCESSION NUMBER: 2003:591196 CAPLUS  
 DOCUMENT NUMBER: 139:133790  
 TITLE: Preparation of 2'-β-modified-6-substituted adenosine analogs and their use as antiviral agents  
 INVENTOR(S): An, Haoyun; Ding, Yili; Shaw, Stephanie; Hong, Zhi  
 PATENT ASSIGNEE(S): Ribapharm Inc., USA  
 SOURCE: PCT Int. Appl., 45 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 4  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003062256	A1	20030731	WO 2002-US34026	20021023
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
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AB Various 2'-beta-methyl-6-substituted adenosine analogs I in which Z is selected from the group consisting of an alkyl, an O-alkyl, an alkenyl, an alkynyl, and CN, wherein the alkyl, the alkenyl, or the alkynyl is optionally substituted with a halogen or OH; A is CH or N, and E is C-R6 or N, such that (1) when A is CH then E is C-R6 or N, and (2) when A is N then E is CH; X is NR1R2, NR2NR3R4, NR2N=NR3, NR2N=CHR3, NR2N=O, NR2C(=O)NR3R4, NR2C(=S)NR3R4, NR2C(=NH)NR3R4, NR1C(=O)NR2NR3R4, NR2OR3, ONHC(O)O-alkyl, ONHC(O)O-aryl, ONR3R4, SNR1R2, SONR1R2, or S(O)2NR1R2; wherein R1-R4 are independently H, alkyl, substituted alkyl, O-alkyl, cyclic alkyl, heterocyclic alkyl, alkoxy, alkaryl, aryl, heterocyclic aryl, substituted aryl, acyl, substituted acyl, S(O)2-alkyl, NO, NH2, or OH; and R6 is H, NH2, halogen, N3, NHR1, NHCOR1 NR1R2, NHSO2R1, NHCONHR1, NHCSNHR1, CH2NHR1, CHR1NHR2, NHH2, CN, alkyl, alkenyl, alkynyl, CH2-aryl, CH2-heterocycle, halogen, OH, or SH; are prepared by conventional and combinatorial library approaches. Contemplated compds. are particularly useful as therapeutic agents, and especially as antiviral agents. Thus, N6-[3-(methylthio)phenyl]-9H-(2'-beta-C-methyl-beta-D-ribofuranosyl)adenine was prepared and tested in vitro as antiviral agent against influenza virus A, bovine viral diarrhea virus, Hepatitis B virus, HIV-1 virus and human Rhinovirus.

REFERENCE COUNT:

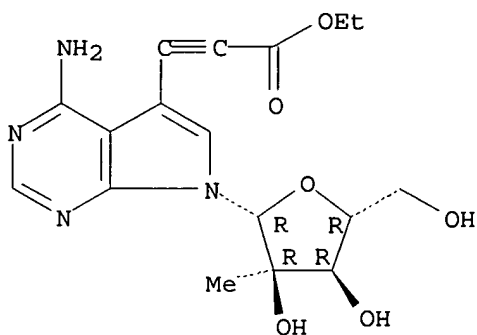
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THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT



L16 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 850338-23-7 REGISTRY  
CN 2-Propynoic acid, 3-[4-amino-7-(2-C-methyl- $\beta$ -D-ribofuranosyl)-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-, ethyl ester (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C17 H20 N4 O6  
SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL  
DT.CA Caplus document type: Patent  
RL.P Roles from patents: PREP (Preparation); RACT (Reactant or reagent)

Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

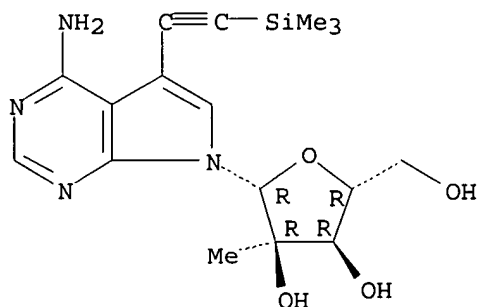
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L15 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN  
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 5-[(trimethylsilyl)ethynyl]- (9CI) (CA INDEX NAME)  
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 MF C17 H24 N4 O4 Si  
 SR CA  
 LC STN Files: CA, CAPLUS, CASREACT, TOXCENTER, USPATFULL  
 DT.CA Caplus document type: Patent  
 RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); RACT  
 (Reactant or reagent); USES (Uses)

Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

5 REFERENCES IN FILE CA (1907 TO DATE)  
 5 REFERENCES IN FILE CAPLUS (1907 TO DATE)

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=> s 11 and nucleoside(s)hepatitis

L2 11 L1 AND NUCLEOSIDE(S) HEPATITIS

=> d ibib 1-11

L2 ANSWER 1 OF 11 EPFULL COPYRIGHT 2006 EPO/FIZ KA on STN

ACCESSION NUMBER: 2003:101901 EPFULL  
ENTRY DATE PUBLICATION: 20051207  
UPDATE DATE PUBLICAT.: 20051207  
DATA UPDATE DATE: 20051207  
DATA UPDATE WEEK: 200549  
TITLE (ENGLISH): **NUCLEOSIDE DERIVATIVES FOR TREATING HEPATITIS C VIRUS INFECTION**  
TITLE (FRENCH): DERIVES NUCLEOSIDIQUES SERVANT AU TRAITEMENT D'UNE INFECTION PAR LE VIRUS DE L'HEPATITE C  
TITLE (GERMAN): NUCLEOSID-DERIVATE ZUR BEHANDLUNG VON INFEKTIONEN MIT DEM HEPATITIS C-VIRUS  
INVENTOR(S): ROBERTS, Christopher, Don, 1160 Granada St., Belmont, CA 94001, US; DYATKINA, Natalia, B., 150 Pacchetti Way, Mountain View, CA 94040, US  
PATENT APPLICANT(S): **GENELABS TECHNOLOGIES, INC., 505 Penobscot Drive, Redwood City, CA 94063, US**  
PATENT APPL. NUMBER: 908511  
AGENT: Sexton, Jane Helen, et al, J.A. KEMP & CO. 14 South Square Gray's Inn, London WC1R 5JJ, GB  
AGENT NUMBER: 59301  
DOCUMENT TYPE: Patent  
LANGUAGE OF FILING: English  
LANGUAGE OF PUBL.: English  
LANGUAGE OF PROCEDURE: English  
LANGUAGE OF TITLE: German; English; French  
PATENT INFO TYPE: EPA3 Separate publication of search report  
PATENT INFORMATION:  
PATENT INFORMATION:

NUMBER	KIND	DATE
NUMBER	KIND	DATE

EP 1572097	A3	20051207
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WO 2004028481		20040408
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DESIGNATED STATES: AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI  
LU MC NL PT RO SE SI SK TR

EXTENSION STATES: AL LT LV MK

APPLICATION INFO.: EP 2003-773127 A 20030930

WO 2003-US31433 A 20030930

PRIORITY INFO.: US 2002-415222P P 20020930

US 2003-443169P P 20030129

*85% PCT & EP patent*

L2 ANSWER 2 OF 11 EPFULL COPYRIGHT 2006 EPO/FIZ KA on STN

ACCESSION NUMBER: 2003:48116 EPFULL  
ENTRY DATE PUBLICATION: 20050203  
UPDATE DATE PUBLICAT.: 20050824  
DATA UPDATE DATE: 20050824  
DATA UPDATE WEEK: 200534  
TITLE (ENGLISH): **NUCLEOSIDE DERIVATIVES FOR TREATING HEPATITIS C VIRUS INFECTION**  
TITLE (FRENCH): DERIVES NUCLEOSIDIQUES DESTINES AU TRAITEMENT DE L'INFECTION PAR LE VIRUS DE L'HEPATITE C  
TITLE (GERMAN): NUKLEOSIDDERIVATE ZUR BEHANDLUNG VON

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RW (OAPI): BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
APPLICATION INFO.: WO 2004-US35271 A 20041021  
PRIORITY INFO.: US 2003-60/515,153 20031027  
US 2004-10/861,311 20040604  
US 2004-10/861,090 20040604  
US 2004-10/861,219 20040604  
US 2004-60/602,815 20040818

L2 ANSWER 4 OF 11 PCTFULL COPYRIGHT 2006 Univentio on STN  
ACCESSION NUMBER: 2005044835 PCTFULL ED 20050523 EW 200520  
TITLE (ENGLISH): METHODS FOR PREPARING 7-(2'-SUBSTITUTED-ss-D-  
RIBOFURANOSYL)-4-(NR2R3)-5-(SUBSTITUTED  
ETHYN-1-YL)-PYRROLO[2,3-D]PYRIMIDINE DERIVATIVES  
TITLE (FRENCH): PROCEDES DE PREPARATION DE DERIVES 7-(2'-\$G(B)-D-  
RIBOFURANOSYL SUBSTITUE)-4-(NR<SP>2</SP>R<SP>3</SP>)-5-  
(ETHYN-1-YL SUBSTITUE)-PYRROLO[2,3-D]PYRIMIDINE  
INVENTOR(S): ROBERTS, Christopher, Don, 1160 Granada St., Belmont,  
CA 94002, US [US, US];  
KEICHER, Jesse, D., 1024 Berkeley Avenue, Menlo Park,  
CA 94025, US [US, US];  
DYATKINA, Natalia, B., 150 Pacchetti Way, Mountain  
View, CA 94040, US [RU, US]  
PATENT ASSIGNEE(S): **GENELABS TECHNOLOGIES, INC., 505 Penobscot Drive,  
Redwood City, CA 94063, US [US, US], for all designates  
States except US;**  
ROBERTS, Christopher, Don, 1160 Granada St., Belmont,  
CA 94002, US [US, US], for US only;  
KEICHER, Jesse, D., 1024 Berkeley Avenue, Menlo Park,  
CA 94025, US [US, US], for US only;  
DYATKINA, Natalia, B., 150 Pacchetti Way, Mountain  
View, CA 94040, US [RU, US], for US only  
AGENT: SWISS, Gerald, F.\$, FOLEY & LARDNER LLP, 1530 Page Mill  
Road, Palo Alto, CA 94304\$, US  
LANGUAGE OF FILING: English  
LANGUAGE OF PUBL.: English  
DOCUMENT TYPE: Patent  
PATENT INFORMATION:

NUMBER	KIND	DATE
-----		
WO 2005044835	A1	20050519

DESIGNATED STATES  
W:  
AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO  
CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR  
HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV  
MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO  
RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ  
VC VN YU ZA ZM ZW  
RW (ARIPO): BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW  
RW (EAPO): AM AZ BY KG KZ MD RU TJ TM  
RW (EPO): AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR  
RW (OAPI): BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
APPLICATION INFO.: WO 2004-US34756 A 20041020  
PRIORITY INFO.: US 2003-60/515,153 20031027  
US 2004-10/861,090 20040604  
US 2004-10/861,311 20040604  
US 2004-60/602,815 20040818

L2 ANSWER 5 OF 11 PCTFULL COPYRIGHT 2006 Univentio on STN  
ACCESSION NUMBER: 2004028481 PCTFULL ED 20040414 EW 200415

HEPATITIS-C-VIRUSINFEKTIONEN

INVENTOR(S): ROBERTS, Christopher, Don, 1060 Continentals Way,  
Belmont, CA 94002, US; DYATKINA, Natalia, B., 150  
Pacchetti Way, Mountain View, CA 94040, US; KEICHER,  
Jesse, D., 818 Fremont Street, Apt. 4, Menlo Park, CA  
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Woodland Ave., 7, East Palo Alto, CA 94303, US;  
HANSON, Eric Jason, 154 Portola Drive, Apt. 2, San  
Francisco, CA 94131, US

PATENT APPLICANT(S): GENELABS TECHNOLOGIES, INC., 505 Penobscot Drive,  
Redwood City, CA 94063, US

PATENT APPL. NUMBER: 908511

AGENT: Sexton, Jane Helen, J.A. KEMP & CO. 14 South Square  
Gray's Inn, London WC1R 5JJ, GB

AGENT NUMBER: 59301

DOCUMENT TYPE: Patent

LANGUAGE OF FILING: English

LANGUAGE OF PUBL.: English

LANGUAGE OF PROCEDURE: English

LANGUAGE OF TITLE: German; English; French

PATENT INFO TYPE: EPA2 Application published without search report

PATENT INFORMATION:

NUMBER	KIND	DATE
NUMBER	KIND	DATE
-----		
EP 1501850	A2	20050202
-----		
WO 2003093290		20031113
DESIGNATED STATES: AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT RO SE SI SK TR		
APPLICATION INFO.: EP 2003-747674 A 20030506		
WO 2003-US14237 A 20030506		
PRIORITY INFO.: US 2002-378624P P 20020506		
US 2002-392871P P 20020628		

L2 ANSWER 3 OF 11 PCTFULL COPYRIGHT 2006 Univentio on STN

ACCESSION NUMBER: 2005054268 PCTFULL ED 20050622 EW 200524

TITLE (ENGLISH): NUCLEOSIDE COMPOUNDS FOR TREATING VIRAL INFECTIONS

TITLE (FRENCH): COMPOSES NUCLEOSIDIQUES DE TRAITEMENT D'INFECTIONS  
VIRALES

INVENTOR(S): ROBERTS, Christopher, Don, 1160 Granada St., Belmont,  
CA 94002, US [US, US];  
KEICHER, Jesse, D., 1024 Berkeley Avenue, Menlo Park,  
CA 94025, US [US, US];  
DYATKINA, Natalia, B., 150 Pacchetti Way, Mountain  
View, CA 94040, US [RU, US]

PATENT ASSIGNEE(S): GENELABS TECHNOLOGIES, INC., 505 Penobscot Drive,  
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States except US;  
ROBERTS, Christopher, Don, 1160 Granada St., Belmont,  
CA 94002, US [US, US], for US only;  
KEICHER, Jesse, D., 1024 Berkeley Avenue, Menlo Park,  
CA 94025, US [US, US], for US only;  
DYATKINA, Natalia, B., 150 Pacchetti Way, Mountain  
View, CA 94040, US [RU, US], for US only

AGENT: SWISS, Gerald, F.\$, Foley & Lardner LLP, 1530 Page Mill  
Road, Palo Alto, CA 94304\$, US

LANGUAGE OF FILING: English

LANGUAGE OF PUBL.: English

DOCUMENT TYPE: Patent

PATENT INFORMATION:

NUMBER	KIND	DATE
NUMBER	KIND	DATE
-----		
WO 2005054268	A1	20050616

DESIGNATED STATES

W: AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO  
CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR

TITLE (ENGLISH): **NUCLEOSIDE DERIVATIVES FOR TREATING  
HEPATITIS C VIRUS INFECTION**

TITLE (FRENCH): DERIVES NUCLEOSIDIQUES SERVANT AU TRAITEMENT D'UNE  
INFECTION PAR LE VIRUS DE L'HEPATITE C

INVENTOR(S): ROBERTS, Christopher, Don, 1060 Continentals Way,  
Belmont, CA 94002, US [US, US];  
DYATKINA, Natalia, B., 150 Pacchetti Way, Mountain  
View, CA 94040, US [RU, US]

PATENT ASSIGNEE(S): **GENELABS TECHNOLOGIES, INC., 505 Penobscot Drive,  
Redwood City, CA 94063, US [US, US], for all designates  
States except US;**  
ROBERTS, Christopher, Don, 1060 Continentals Way,  
Belmont, CA 94002, US [US, US], for US only;  
DYATKINA, Natalia, B., 150 Pacchetti Way, Mountain  
View, CA 94040, US [RU, US], for US only

AGENT: SWISS, Gerald, F.\$, Swiss Law Group, Building 3, Palo  
Alto Square, 3000 El Camino Real, Palo Alto, CA 94306\$,  
US

LANGUAGE OF FILING: English

LANGUAGE OF PUBL.: English

DOCUMENT TYPE: Patent

PATENT INFORMATION:

NUMBER	KIND	DATE
WO 2004028481	A2	20040408

DESIGNATED STATES

W:

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID  
IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD  
MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD  
SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU  
ZA ZM ZW

RW (ARIPO): GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

RW (EAPO): AM AZ BY KG KZ MD RU TJ TM

RW (EPO): AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PT RO SE SI SK TR

RW (OAPI): BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

APPLICATION INFO.: WO 2003-US31433 A 20030930

PRIORITY INFO.: US 2002-60/415,222 20020930

US 2003-60/443,169 20030129

L2 ANSWER 6 OF 11

ACCESSION NUMBER: 2003093290 PCTFULL ED 20031118 EW 200346

TITLE (ENGLISH): **NUCLEOSIDE DERIVATIVES FOR TREATING**

**HEPATITIS C VIRUS INFECTION**

TITLE (FRENCH): DERIVES NUCLEOSIDIQUES DESTINES AU TRAITEMENT DE  
L'INFECTION PAR LE VIRUS DE L'HEPATITE C

INVENTOR(S): ROBERTS, Christopher, Don, 1060 Continentals Way,  
Belmont, CA 94002, US [US, US];  
DYATKINA, Natalia, B., 150 Pacchetti Way, Mountain  
View, CA 94040, US [RU, US];  
KEICHER, Jesse, D., 818 Fremont Street, Apt. #4, Menlo  
Park, CA 94025, US [US, US];  
LIEHR, Sebastian, Johannes, Reinhard, 1721 Woodland  
Ave., #7, East Palo Alto, CA 94303, US [DE, US];  
HANSON, Eric, Jason, 154 Portola Drive, Apt. 2, San  
Francisco, CA 94131, US [US];

PATENT ASSIGNEE(S): **GENELABS TECHNOLOGIES, INC., 505 Penobscot Drive,  
Redwood City, CA 94063, US [US, US], for all designates  
States except US;**  
ROBERTS, Christopher, Don, 1060 Continentals Way,  
Belmont, CA 94002, US [US, US], for US only;  
DYATKINA, Natalia, B., 150 Pacchetti Way, Mountain  
View, CA 94040, US [RU, US], for US only;  
KEICHER, Jesse, D., 818 Fremont Street, Apt. #4, Menlo  
Park, CA 94025, US [US, US], for US only;  
LIEHR, Sebastian, Johannes, Reinhard, 1721 Woodland  
Ave., #7, East Palo Alto, CA 94303, US [DE, US], for US

only;  
HANSON, Eric, Jason, 154 Portola Drive, Apt. 2, San Francisco, CA 94131, US [;], for US only  
SWISS, Gerald, F.\$, Morrison & Foerster, LLP, 755 Page Mill Road, Palo Alto, CA 94304-1018\$, US

AGENT:

LANGUAGE OF FILING: English  
LANGUAGE OF PUBL.: English  
DOCUMENT TYPE: Patent  
PATENT INFORMATION:

NUMBER	KIND	DATE
WO 2003093290	A2	20031113

DESIGNATED STATES

W:

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID  
IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD  
MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG  
SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

RW (ARIPO):

GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

RW (EAPO):

AM AZ BY KG KZ MD RU TJ TM

RW (EPO):

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC  
NL PT RO SE SI SK TR

RW (OAPI):

BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

APPLICATION INFO.:

WO 2003-US14237 A 20030506

PRIORITY INFO.:

US 2002-60/378,624 20020506

US 2002-60/392,871 20020628

L2 ANSWER 7 OF 11

ACCESSION NUMBER:

PCTFULL COPYRIGHT 2006 Univentio on STN

TITLE (ENGLISH):

2001094600 PCTFULL ED 20020826

TITLE (FRENCH):

PROMOTERS FOR REGULATED GENE EXPRESSION

INVENTOR(S):

PROMOTEURS DESTINES A L'EXPRESSION GENIQUE REGULEE

KIM, Jungsuh, P.;

STARR, Douglas, B.;

TAM, Albert, W.;

LAURANCE, Megan, E.;

MICHELOTTI, Emil, F.;

VELLIGAN, Mark, D.;

LATOURE, Derek, R.;

THOMAS, Rita, L.;

KONGPACHITH, Ana;

SHEPPARD, Liana, T.;

LIM, Moon, Young;

BRUCE, Thomas, W.

PATENT ASSIGNEE(S):

GENELABS TECHNOLOGIES, INC.

DOCUMENT TYPE:

Patent

PATENT INFORMATION:

NUMBER	KIND	DATE
WO 2001094600	A2	20011213

DESIGNATED STATES

W:

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID  
IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD  
MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL  
TJ TM TR TT TZ UA UG UZ VN YU ZA ZW GH GM KE LS MW MZ  
SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH  
CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR BF BJ  
CF CG CI CM GA GN GW ML MR NE SN TD TG

APPLICATION INFO.:

WO 2001-US18343 A 20010606

PRIORITY INFO.:

US 2000-60/209,549 20000606

L2 ANSWER 8 OF 11

ACCESSION NUMBER:

PCTFULL COPYRIGHT 2006 Univentio on STN

TITLE (ENGLISH):

1992012709 PCTFULL ED 20020513

TITLE (FRENCH):

ARYL MACROCYCLIC COMPOSITIONS FOR TREATING VIRAL  
INFECTIONS

INVENTOR(S):

COMPOSITIONS MACROCYCLIQUES D'ARYLE UTILISEES DANS LE  
TRAITEMENT D'INFECTIONS VIRALES

HWANG, Kou, M.;

QI, You, Mao;  
LIU, Su-Ying  
PATENT ASSIGNEE(S): **GENELABS INCORPORATED**  
LANGUAGE OF PUBL.: English  
DOCUMENT TYPE: Patent  
PATENT INFORMATION:

NUMBER	KIND	DATE
WO 9212709	A1	19920806

DESIGNATED STATES

W: AT AU BE CA CH DE DK ES FR GB GR IT JP KR LU MC NL SE  
APPLICATION INFO.: WO 1992-US644 A 19920127  
PRIORITY INFO.: US 1991-647,720 19910129  
US 1991-647,469 19910129  
US 1991-791,920 19911113

L2 ANSWER 9 OF 11 USPATFULL on STN  
ACCESSION NUMBER: 2005:248312 USPATFULL  
TITLE: Methods for preparing 7-(2'-substituted-beta-D-ribofuranosyl)-4-(NR2R3)-5-(substituted ethyn-1-yl)-pyrrolo[2,3-d]pyrimidine derivatives  
INVENTOR(S): Roberts, Christopher D., Belmont, CA, UNITED STATES  
Keicher, Jesse D., Menlo Park, CA, UNITED STATES  
Dyatkina, Natalia B., Mountain View, CA, UNITED STATES  
PATENT ASSIGNEE(S): **Genelabs Technologies, Inc.** (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005215510	A1	20050929
APPLICATION INFO.:	US 2004-970641	A1	20041020 (10)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2004-861311, filed on 4 Jun 2004, PENDING Continuation-in-part of Ser. No. US 2004-861090, filed on 4 Jun 2004, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2004-602815P	20040818 (60)
	US 2003-515153P	20031027 (60)
	US 2003-515153P	20031027 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	FOLEY & LARDNER LLP, 1530 PAGE MILL ROAD, PALO ALTO, CA, 94304, US	
NUMBER OF CLAIMS:	55	
EXEMPLARY CLAIM:	1	
LINE COUNT:	1774	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

L2 ANSWER 10 OF 11 USPATFULL on STN  
ACCESSION NUMBER: 2004:190691 USPATFULL  
TITLE: **Nucleoside** derivatives for treating **hepatitis C** virus infection  
INVENTOR(S): Roberts, Christopher Don, Belmont, CA, UNITED STATES  
Dyatkina, Natalia B., Mountain View, CA, UNITED STATES  
PATENT ASSIGNEE(S): **Genelabs Technologies, Inc.** (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004147464	A1	20040729
APPLICATION INFO.:	US 2003-676956	A1	20030930 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2003-443169P	20030129 (60)
	US 2002-415222P	20020930 (60)
DOCUMENT TYPE:	Utility	



FILE SEGMENT: APPLICATION  
LEGAL REPRESENTATIVE: Gerald F. Swiss, Foley & Lardner LLP, Three Palo Alto  
Square, 3000 El Camino Real, Ste 100, Palo Alto, CA,  
94306-2121  
NUMBER OF CLAIMS: 33  
EXEMPLARY CLAIM: 1  
LINE COUNT: 2881  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 11 OF 11 USPAT2 on STN  
ACCESSION NUMBER: 2003:37675 USPAT2  
TITLE: Promoters for regulated gene expression  
INVENTOR(S): Kim, Jungsoh P., Palo Alto, CA, United States  
Starr, Douglas B., Mountain View, CA, United States  
Tam, Albert W., San Francisco, CA, United States  
Laurance, Megan E., San Francisco, CA, United States  
Michelotti, Emil F., Foster City, CA, United States  
Velligan, Mark D., Montara, CA, United States  
Latour, Derek R., Hayward, CA, United States  
Thomas, Rita L., San Jose, CA, United States  
Kongpachith, Ana, Union City, CA, United States  
Sheppard, Liana T., Redwood City, CA, United States  
Kim, Moon Young, Redwood City, CA, United States  
Bruice, Thomas W., Carlsbad, CA, United States  
PATENT ASSIGNEE(S): **Genelabs Technologies, Inc.**, Redwood City,  
CA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6838556	B2	20050104
APPLICATION INFO.:	US 2001-875453		20010606 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-209549P	20000606 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	McKelvey, Terry	
LEGAL REPRESENTATIVE:	Perkins Coie LLP	
NUMBER OF CLAIMS:	1	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	14 Drawing Figure(s); 14 Drawing Page(s)	
LINE COUNT:	3033	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		